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**TRANSMITTAL  
FORM**

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OCT 18 2004

Total Number of Pages in This Submission

6

Application Number

10/646,467

Filing Date

August 22, 2003

First Named Inventor

Kenneth COLLINS, et al.

Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

006915 P06

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☒ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application
- ☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation  
Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance communication  
to Group
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please  
Identify below):

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Robert M. Wallace

Reg. No. 29,119

Signature

*Robert M. Wallace*

Date

10/13/2004

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*Shelly Hart*

Date

10/13/2004

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Date Name



PATENT

Attorney Docket No.: 006915 P06  
RW Ref. No.: APM/001-02-CP1-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Serial No.: 10/646,467

Examiner: Unknown

Filed: August 22, 2003

Group Art Unit: Unknown

For: PLASMA IMMERSION ION IMPLANTATION PROCESS USING AN  
INDUCTIVELY COUPLED PLASMA SOURCE HAVING LOW  
DISSOCIATION AND LOW MINIMUM PLASMA VOLTAGE

PRELIMINARY AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is a Preliminary Amendment in the above-identified application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	85 minus	85 =	0	x \$18	\$000.00
Independent	1 minus	3 =	0	x \$88	\$000.00
If Multiple Dependent Claims Are Present, Add \$300.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00

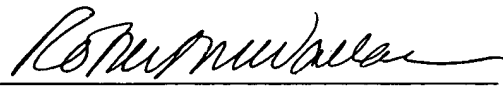
☒ [X] No additional fee is required.

☐ [ ] A check in the amount of \$ is attached.

☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,

Dated: 10/13/2004

  
 Robert M. Wallace  
 Reg. No. 29,119  
**Customer No. 000044843**  
 Attorney for Applicants

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 Patent Attorney  
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on October 13, 2004 (Date of Deposit)  
10-13-04 Shelly H.  
Date Name



PATENT

Attorney Docket No. 006915 P06

RW Ref. No.: APM/001-02-CP1-6

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
Kenneth COLLINS, et al. :  
: Group Art Unit: Unknown  
Entitled: PLASMA IMMERSION ION :  
IMPLANTATION PROCESS USING AN :  
INDUCTIVELY COUPLED PLASMA SOURCE :  
HAVING LOW DISSOCIATION AND LOW :  
MINIMUM PLASMA VOLTAGE :  
: Examiner: Unknown  
Serial No.: 10/646,467 :  
: :  
Filing Date: August 22, 2003 :

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.